

Work Similar to Gold King

Site Name - Location	Completion Date/Active	Future Work	Type of Work	Situation (Documents)	OSC
Colorado					
Golf Tunnel – St. Elmo, CO	Demob 10/30/14 Concrete plug installed Aug 2014		Plug adit – 34 x 12 ft. plug installed along with a 6-in stainless steel pipe pressure relief valve. Discharges 60 to 165 gpm. The AMA states...the potential exists for the natural creation of a dam from internal mine structure collapse and along with ice dams formed over the winter could back up contaminated water and result in a catastrophic blowout....”	AMA 7/30/13 Polrep 10/29/14 EE/CA 6/13/12	Griswold
Pennsylvania Mine – Montezuma, CO	2014-ongoing 1 st bulkhead in place	Dewatering Level F & C reclaim 634,000 ft ³ waste piles Possible second bulkhead in 2015, possible construction of a passive water treatment system 2016.	Plug 2 adits – underground bulkheads, sequenced in phases over years, collapsed adit, water diverted, ACD discharged into treatment ponds Discharge from the adit reached during peak flow (Aug 3 and 8) 3,800 gpm.	AM 6/9/13 Polrep 8 (pvt) 7/11/15 TDD end dt 10/31/13 SOW 6/19/2013	Peronard
Red & Bonita – Silverton, CO	Active - ongoing		Removed mine waste from settling ponds, piping, improved drainage, preparing to install bulkhead, provide hydraulic control and manage. Drains	Polrep #1 12/1/14 Removal Site Evaluation 3/30/13	Way

			at about 300 gpm, removing precipitated solids from mine adit, preparing mine adit for bulkhead	Bulkhead Design Plan PP March 2015	
Standard Mine – Crested Butte, CO	Active		Main tunnel collapses, 80-ft from opening, plans are to install a flow-through bulkhead. Water being diverted into treatment area blockage cleared in preparation of bulkhead, rehab adit.	Final progress report 08/19/13	Peronard
Terrible (Isle) Mine – Westcliffe, CO	5/30/2012		Mine site, waste rock and tailings, snow and runoff events, cause AMD to pour into Oak Creek	Final Polrep 2 6/16/14 AMA 7/23/12	Griswold
Burleigh Tunnel – Silver Plume, CO	11/15/11		Storm events cause excessive AMD drainage from the Tunnel onto Main Street. Pipes were installed to assist in drainage and to contain and maintain drainage.	AM 11/3/2011 Polrep #1 8/17/12	Griswold
Carribeau Mine – Ophir, CO	Assessment		Consists of a collapsed mine adit, waste-rock dump, remnants of a mill and tailings deposits. The adit flows into Howard Fork. Removal Action has been delayed until negotiations with RP could be completed.	Assessment 9/1/10	Merritt
Leadville Mine Drainage Tunnel – Leadville, CO	2/19/2008 8/30/14		Collapsed tunnel has caused water to back up....as much as 1 billion gallons contaminated with metals. Drainage pipe was installed, bedded and backfilled.	Polrep #11	Griswold Guy
James Creek – Boulder, CO	10/7/2011		Private citizen clearing the adit of a purchased mine, dug too close releasing 15,000 to 30,000 gallons of a mixture of water, dirt, mine tailings and waste rock, traveled 200 ft and then emptied into James Creek	Initial/Final Polrep 10/7/2011	
Region 8					
Bullion Mine OU6 – Jefferson County, Montana	10/29/14		A relief well was installed to prevent a potential blowout of 2.5 M g of AMD. Water had accumulated behind a debris plug, water treated, drainage system installed. (connected with below Crystal Mine)	AM 6/19/14 Progress Report 11/4/14	D. Nguyen
Crystal Mine OU5	9/15/14		1,000 yds ³ contaminated sediment removed, relief well installed near Bullion	AM 7/30/2014	D. Nguyen

Basin Mining Area Basin, Montana			Mine Adit, treatment of 2.5 M g., water treated, drainage system installed (connected with above Bullion Mine)	Progress Report 11/4/14	
Other Regions					
R10 Jack Waite Mine –Coeur D Alene, ID	10/24/12		Pooling of water, highly contaminated, adits, rock piles, tailing impoundments, discarded debris	Polrep 7 10/30/12 AM 7/31/12	Zavala
R9 Argonaut Mine Tailings – Jackson, CA	Active		Site has 6 areas, ore storage, cyanide plant, earthen tailings dam, Grey Sands tailings, Lower earthen surface water drainage area. The dam is structurally unsafe, 400 yards from downtown Jackson, The impoundment is filled with sediment and water cascades over the top during storms. A report is due in January 2016.	Fact Sheet 8/10/15 SI 7/29/15	Shane
R9 Sheldon Mine – Walker, AZ	Jun 2013		Surface drainage systems that diverted waters are choked with sediment, high levels of lead and arsenic. Orange colored liquid emanates from toe.	AM 1/31/13	Shane